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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In U.S. Patent Application)

Applicant: Sato et al.)

Serial No. 09/581,468)

Confirmation No.: 9963)

Filed: June 12, 2000)

For: MAGNETIC SENSOR, MAGNETIC)
HEAD, MAGNETIC ENCODER AND)
HARD DISK DEVICE)

Art Unit: 2653)

Examiner: Blouin, Mark S.)

I hereby certify that this paper is being deposited with the
United States Postal Service as FIRST-CLASS mail in an
envelope addressed to: Commissioner for Patents,
Washington, D.C. 20231 on this date.

April 24, 2003

Date

F-CLASS WCM

Appr. February 20, 1998

Registration No. 47,954

Attorney for Applicant

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AMENDMENT TRANSMITTAL

Dear Sir:

Transmitted herewith is a communication regarding the above-identified application.

Fee Calculation For Claims As Amended

	As Amended	Previously Paid For	Present Extra	Rate	Additional Fee
Total Claims	18	20	0	\$18.00	\$ -0-
Independent Claims	2	3	0	\$84.00	\$ -0-
Fee for Multiple Dependent Claims				\$280.00	\$ -0-
Total Additional Fee					\$ -0-
Small Entity Fee (reduced by half)					

(X) Amendment D.

(X) Request for Continued Examination (RCE) in duplicate with check for \$750.00.

(X) If a Petition under 37 C.F.R. §1.136(a) for an extension of time for response is required to make the attached response timely and does not separately accompany this transmittal, Applicant(s) hereby petition(s) under 37 C.F.R. §1.136(a) for an extension of time for response in the above-identified application for the period required to make the attached response timely.

(X) The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

April 24, 2003
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By:

Josh C. Snider, Reg. No. 47,954